



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ganapathy et al.) Group Art Unit: 1642
Serial No.: 10/718,359) Examiner: Unknown
Confirmation No.: 3660) Docket NO. 275.00080101
Filed: November 20, 2003)
For: NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT REDUCTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- Small entity status is entitled to be asserted in the above-identified application.**
 An itemized return postcard.
 A Petition for Extension of Time for ___ month(s) and a check in the amount of \$___ for the required fee.
 An Information Disclosure Statement (2 pgs); copies of 0 applications; 1449 forms (17 pgs); and copies of 153 documents cited on the 1449 forms.
 A check in the amount of \$___, representing _____.
 A certified copy of a ___ application, Serial No. ___, filed _____, the right of priority of which is claimed under 35 U.S.C. §119.
 Other: _____.
 Amendment ___ No Additional fee is required. ___ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$9 =	
Independent Claims				x \$43 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$145 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

CERTIFICATE UNDER 37 C.F.R. §1.8: The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of March, 2004.

MUETING, RAASCH & GEBHARDT, P.A.
Customer Number: 26813

By: Nancy A. Johnson
Name: Nancy A. Johnson
Reg. No.: 47,266
Direct Dial: 612-305-4723
Facsimile: 612-305-1228



PATENT
Docket No. 275.00080101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ganapathy et al.) Group Art Unit: 1642
Serial No.: 10/718,359)
Confirmation No.: 3660) Examiner: Unknown
Filed: November 20, 2003)
For: NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT
REDUCTION

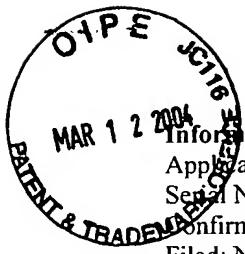
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 forms is respectfully requested. As this patent application was filed after June 30, 2003, copies of the U.S. patents and U.S. patent application publications listed on the attached 1449 forms have not been submitted. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 forms, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.



Information Disclosure Statement

Applicant(s): Ganapathy et al.

Serial No.: 10/718,359

Confirmation No.: 3660

Filed: November 20, 2003

For: NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT REDUCTION

Page 2 of 2

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

Respectfully submitted for

Ganapathy et al.

By

Mueting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

Phone: (612)305-1220

Facsimile: (612)305-1228

Customer Number 26813

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of March, 2004.

Nancy A. Johnson

Nancy A. Johnson

March 10, 2004

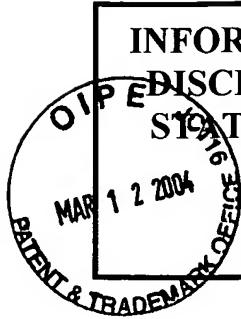
Date

By: Nancy A. Johnson

Nancy A. Johnson

Reg. No. 47,266

Direct Dial (612)305-4723


**INFORMATION
DISCLOSURE
STATEMENT**

Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
Applicant(s): Ganapathy et al.	Confirmation No.: 3660
Application Filing Date: November 20, 2003	Group: 1642
Information Disclosure Statement mailed: March <u>10</u> , 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copies Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,736,866	04/12/88	Leder et al.			
		4,873,191	10/10/89	Wagner et al.			
		5,175,383	12/29/92	Leder et al.			
		5,175,384	12/29/92	Krimpenfort et al.			
		5,221,778	06/22/93	Bryne et al.			
		5,223,409	06/29/93	Ladner et al.			
		5,288,846	02/22/94	Quertermous et al.			
		5,298,422	03/29/94	Schwartz et al.			
		5,347,075	09/13/94	Sorge			
		5,387,742	02/07/95	Cordell			
		5,464,764	11/07/95	Capecci et al.			
		5,487,992	01/30/96	Capecci et al.			
		5,614,396	03/25/97	Bradley et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copies Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	X	WO 90/02809	03/22/90	PCT				
	X	WO 91/17271	11/14/91	PCT				
	X	WO 92/01047	01/23/92	PCT				
	X	WO 92/09690	06/11/92	PCT				
	X	WO 92/20791	11/26/92	PCT				
	X	WO 92/15679	09/17/92	PCT				
	X	WO 92/18619	10/29/92	PCT				

EXAMINER	Date Considered
----------	-----------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March <u>10</u> , 2004	

	X	WO 93/01288	01/21/93	PCT				
	X	WO 91/00906	01/24/91	PCT				
	X	WO 91/10741	07/25/91	PCT				
	X	WO 92/03918	03/19/92	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copies Enclosed	Document Description
	X	Ashrafi et al., "Genome-wide RNAi analysis of <i>Caenorhabditis elegans</i> fat regulatory genes," <i>Nature</i> , 16 January 2003;421:268-272.
	X	Atmaca et al., "Weight Gain and Serum Leptin Levels in Patients on Lithium Treatment," <i>Neuropsychobiology</i> , 2002;46:67-69.
	X	Ausubel et al., eds., <i>Current Protocols in Molecular Biology</i> , Vols 1-4, John Wiley & Sons, Inc., New York, NY, 1994; title page, publisher's page and table of contents only (16 pages).
	X	Bai, L. & Pajor, A. M., "Expression cloning of NaDC-2, an intestinal Na(+) or Li(+) -dependent dicarboxylate transporter," <i>Am. J. Physiol</i> , 1997; 273(2), G267-G274.
	X	Baptista et al., "Lithium and Body Weight Gain," <i>Pharmacopsychiatry</i> , 1995;28:35-44.
	X	Barbas III et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site," <i>PNAS</i> , September 1991;88:7978-7982.
	X	Bass et al., "A systematic mutational analysis of hormone-binding determinants in the human growth hormone receptor," <i>Proc Natl Acad Sci USA</i> , May 1991;88: 4498-4502.
	X	Blakely et al., "Vaccinia-T7 RNA Polymerase Expression System: Evaluation for the Expression Cloning of Plasma Membrane Transporters," <i>Annal Biochem.</i> , 1991;194:302-308.
	X	Bode et al., "Molecular and functional analysis of glutamine uptake in human hepatoma and liver-derived cells," <i>Am J. Physiol</i> , 3 July 2002;283: G1062-1073.

EXAMINER	Date Considered
-----------------	------------------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March <u>10</u> , 2004	

Examiner Initial	Copies Enclosed	Document Description
	X	Bond et al., "The effect of lithium salts on the urinary excretion of α -oxoglutarate in man," <i>Br J Pharmacol.</i> , 1972;46:116-123.
	X	Bruggeman et al., "Human antibody production in transgenic mice: expression from 100kb of the human IgH locus," <i>Eur J Immunol</i> , 1991;21:1323-1326.
	X	Chalfie et al., "Green Fluorescent Protein as a Marker for Gene Expression," <i>Science</i> , 11 February 1994;263:802-805.
	X	Chancy et al., "Expression and Differential Polarization of the Reduced-folate Transporter-1 and the Folate Receptor α in Mammalian Retinal Pigment Epithelium," <i>J Biol Chem</i> , 7 July 2000;275(27): 20676-20684.
	X	Chen et al., "Characterization of a Rat Na^+ -Dicarboxylate Cotransporter," <i>J Biol Chem</i> , 14 August 1998;273(33): 20972-20981.
	X	Chen et al., "Molecular and functional analysis of SDCT2, a novel rat sodium-dependent dicarboxylate transporter," <i>J Clin Invest</i> , April 1999;103(8): 1159-1168.
	X	Chen and Silverstone, "Lithium and Weight Gain," <i>Int Clin Psychopharmacol.</i> , 1990;5:217-225.
	X	Cheng et al., "RNA interference and human disease," <i>Mol Genet Metab</i> , 2003; 80:121-28.
	X	Cheng et al., "Relationship between the inhibition constant (K_i) and the concentration of inhibitor which causes 50 percent inhibition (I_{50}) of an enzymatic reaction," <i>Biochem. Pharmacol.</i> , 1973;22:3099-3108.
	X	Chothia et al., "Canonical Structures for the Hypervariable Regions of Immunoglobulins," <i>J Mol. Biol.</i> , 1987; 196: 901-917.
	X	Clackson et al., "Making antibody fragments using phage display libraries," <i>Nature</i> , 15 August 1991;352:624-628
	X	Coxhead et al., "Carbamazepine versus lithium in the prophylaxis of bipolar affective disorder," <i>Acta Psychiatr Scand</i> , 1992;85:114-118.
	X	Cunningham and Wells, "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <i>Science</i> , 2 June 1989;244:1081-1085.

EXAMINER	Date Considered
----------	-----------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March <u>10</u> , 2004	

Examiner Initial	Copies Enclosed	Document Description
	X	Dietschy et al., "Role of liver in the maintenance of cholesterol and low density lipoprotein homeostasis in different animal species, including humans," <i>J Lipid Res</i> , 1993;34:1637-1659.
	X	Fagiolini et al., "Prevalence of Obesity and Weight Change During Treatment in Patients with Bipolar I Disorder," <i>J Clin Psychiatry</i> , June 2002;63(6):528-533.
	X	Fei et al., "Structural and Functional Characteristics of Two Sodium-coupled Dicarboxylate Transporters (ceNaDC1 and ceNaDC2) from <i>Caenorhabditis elegans</i> and Their Relevance to Life Span," <i>J Biol Chem</i> , 21 February 2003;278(8): 6136-6144.
	X	Fei et al., "The Amino Acid Transport System y ⁺ L Induced in <i>Xenopus laevis</i> Oocytes by Human Choriocarcinoma Cell (JAR) mRNA is Functionally Related to the Heavy Chain of the 4F2 Cell Surface Antigen," <i>Biochemistry</i> , 1995;34:8744-8751.
	X	Fei et al., "Two oligopeptide transporters from <i>Caenorhabditis elegans</i> : molecular cloning and functional expression," <i>Biochem J</i> , 1998;332:565-572.
	X	Fei et al., "A Novel H ⁺ -coupled Oligopeptide Transporter (OPT3) from <i>Caenorhabditis elegans</i> with a Predominant Function as a H ⁺ Channel and an Exclusive Expression in Neurons," <i>J Biol Chem</i> , 31 March 2000;275(13): 9563-9571.
	X	Fei et al., "Expression cloning of a mammalian proton-coupled oligopeptide transporter," <i>Nature</i> , 7 April 1994;368:563-566.
	X	Fei et al., "Preferential recognition of zwitterionic dipeptides as transportable substrates by the high-affinity peptide transporter PEPT2," <i>Biochim Biophys Acta</i> , 1999;1418: 344-351.
	X	Fire et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> , 19 February 1998;391:806-811.
	X	Friedmann, "Progress Toward Human Gene Therapy," <i>Science</i> , 16 June 1989;244: 1275-1281.
	X	Fuchs et al., "Targeting Recombinant Antibodies to the Surface of <i>Escherichia Coli</i> : Fusion to a Peptidoglycan Associated Lipoprotein," <i>Bio/Technology</i> , December 1991;9:1370-1372.
EXAMINER		Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March <u>10</u> , 2004	

Examiner Initial	Copies Enclosed	Document Description
	X	Garrad et al., "F _{AB} Assembly and Enrichment in a Monovalent Phage Display System," <i>Bio/Technology</i> , December 1991;9: 1373-1377.
	X	Genbank Accession Number BI490092: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. BI490092, GenBank gi: 15329320, dbEST Id: 9319728, "RNA source anonymous pool of 6 male brains, age range 23-27; 1 male lung, age 27; and 1 male testis, age 69," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=15329320>; 3 pgs.
	X	Genbank Accession Number BG616615: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. BG616615, GenBank gi: 13667986, dbEST Id: 8338710, "5' and 3' adaptors were used in cloning....," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13667986>; 2 pgs.
	X	Genbank Accession Number BI490615: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. BI490615, GenBank gi: 15329843, dbEST Id: 9320251, "RNA source anonymous pool of 6 male brains, age range 23-27; 1 male lung, age 27; and 1 male testis, age 69," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=15329843>; 3 pgs.
	X	Genbank Accession Number R01302: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. R01302, GenBank gi: 751038, dbEST Id: 171457, "1 st Strand cDNA was primed with a PAC I- oligo(dT) primer....," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=751038>; 3 pgs.

EXAMINER	Date Considered
<small>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Genbank Accession Number AY151833: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AY151833, Accession No. AY151833, "Homo sapiens Na+-coupled citrate transporter protein (NaCT) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=27651990>; 3 pgs.
	X	Genbank Accession Number AF522186: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF522186, Accession No. AF522186, "Rattus norvegicus sodium-coupled citrate transporter mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=24210856>; 3 pgs.
	X	Genbank Accession Number NM_079426: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_079426, Accession No. NM_079426, "Drosophila melanogaster I'm not dead yet CG3979-PA (Indy) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=24666460>; 5 pgs.
	X	Genbank Accession Number AE003519: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AE003519, Accession Nos. AE003519, AE002602, AE014296, "Drosophila melanogaster chromosome 3L, section 66 and 83 of the complete sequence," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=23093161>; 137 pgs.

EXAMINER	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Genbank Accession Number U26209: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus HSU26209, Accession No. U26209, "Human renal sodium/dicarboxylate cotransporter (NADC1) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=1098556; 3 pgs.
	X	Genbank Accession Number AF260824: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF260824, Accession No.AF260824, "Homo sapiens renal sodium/sulfate cotransporter mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=12620131>; 3 pgs.
	X	Genbank Accession Number AF169301: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF169301, Accession No. AF169301, "Homo sapiens Na+/sulfate cotransporter SUT-1 (SUT-1) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6224690>; 3 pgs.
	X	GenBank Accession No. AF509505: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF509505, Accession No. AF509505, "Drosophila melanogaster INDY transporter protein (Indy) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=27127245>; 3 pgs.

EXAMINER	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March 10, 2004	

Examiner Initial	Copies Enclosed	Document Description
	X	GenBank Accession No. AF154121: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF154121, Accession No. AF154121, "Homo sapiens sodium-dependent high affinity dicarboxylate transporter (NADC3) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet: <URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=8132323>; 3 pgs.
	X	GenBank Accession No. BB261903 :National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. BB261903, GenBank gi BB261903, dbEST Id: 9388115, [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=15410789>; 3 pgs.
	X	GenBank Accession No. BB393630: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. BB393630, GenBank gi: 16409164, dbEST Id: 10005027, [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=16409164>; 3 pgs.
	X	GenBank Accession No. BB641100: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Account No. BB641100, GenBank gi: 15401660, dbEST Id: 9379637, [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=15401660>; 3 pgs.
	X	GenBank Accession No. Z14092: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus CER107, Accession No. Z14092, "Caenorhabditis elegans cosmid R107, complete sequence," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6820>; 24 pgs.

EXAMINER	Date Considered
-----------------	------------------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	GenBank Accession No. AY090486: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AY090486, Accession No. AY090486, "Caenorhabditis elegans high-affinity dicarboxylate transporter INDY3 (indy-3) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=29465739>; 2 pgs.
	X	GenBank Accession No. XM_137672: National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus XM_137672, Accession No. XM_137672, " Mus musculus similar to sodium-coupled citrate transporter," [online]. Bethesda, MD [retrieved on 2004 February 19]. Retrieved from the Internet:<URL:ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=38091451>; 3 pgs.
	X	Goding, J., "Monoclonal Antibodies: Principles and Practice," 3 rd Edition, Academic Press, 1996, title page, publisher's page and table of contents only.
	X	Gram et al., "In vitro selection and affinity maturation of antibodies from a naive combinatorial immunoglobulin library," PNAS, April 1992;89:3576-3580.
	X	Green et al., "Antigen-specific human monoclonal antibodies from mice engineered with human Ig heavy and light chain YACs," Nature Genet, May 1994;7(1): 13-21.
	X	Greenspan et al., "Nile Red: A Selective Fluorescent Stain for Intracellular Lipid Droplets," J Cell Biol, March 1985;100: 965-973.
	X	Griffiths et al., "Human anti-self antibodies with high specificity from phage display libraries," EMBO J, 1993;12(2):725-734.
	X	Harlow et al., <i>Antibodies: A Laboratory Manual</i> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY; title page, publisher's page, and table of contents, 9 pages (1988).
	X	Hatanaka et al., "Primary Structure, functional characteristics and tissue expression pattern of human ATA2, a subtype of amino acid transport system," Biochim Biophys Acta, 2000;1467:1-6.

EXAMINER	Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March 10, 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Hatanaka et al., "Evidence for the transport of neutral as well as cationic amino acids by ATA2, a novel and liver-specific subtype of amino acid transport system A," <i>Biochim Biophys Acta</i> , 2001;1540:10-17.
	X	Hatanaka et al., "Na ⁺ - and Cl ⁻ coupled active transport of nitric oxide synthase inhibitors via amino acid transport system B ^{0,+} ," <i>J Clin Invest</i> , April 2001;107(8): 1035-1043.
	X	Hawkins et al., "Selection of Phage Antibodies by Binding Affinity Mimicking Affinity Maturation," <i>J Mol Biol</i> , 1992;226:889-896.
	X	Helfand & Rogina, "Regulation of Gene Expression During Aging," <i>Cell Differ</i> , 2000;29:67-80.
	X	Heninger and Mueller, "Carbohydrate Metabolism in Mania," <i>Arch Gen Psychiatry</i> , October 1970;23:310-318.
	X	Hodgkinson, "The Relation Between Citric Acid and Calcium Metabolism with Particular Reference to Primary Hyperparathyroidism and Idiopathic Hypercalciuria," <i>Clin Sci</i> , 1963;24:167-178.
	X	Hoogenboom et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains," <i>Nuc Acid Res</i> , 1991;19(15):4133-4137.
	X	Huang et al., "Transport of N-Acetylaspartate by the Na ⁺ -Dependent High-Affinity Dicarboxylate Transporter NaDC3 and Its Relevance to the Expression of the Transporter in the Brain," <i>J Pharmacol Exp Ther</i> , 2000;295(1):392-403.
	X	Inoue et al., "Functional Identity of <i>Drosophila melanogaster</i> Indy as a cation-independent, electroneutral transporter for tricarboxylic acid-cycle intermediates," <i>Biochem J</i> , 2002;367:313-319.
	X	Inoue et al., "Structure, Function, and Expression Pattern of a Novel Sodium-coupled Citrate Transporter (NaCT) Cloned from Mammalian Brain," <i>J Bio Chem</i> , 18 October 2002;277(42): 39469-39476.
	X	Inoue et al., "Human Na ⁺ -coupled citrate transporter (NaCT): Primary Structure, genomic organization, and transport function," <i>Biochem Biophys Res Commun</i> , 2002;299:465-471

EXAMINER	Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March 18, 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Jones et al., "Replacing the complementarity-determining regions in a human antibody with those from a mouse," <i>Nature</i> , 29 May 1986;321:522-525.
	X	Jungermann and Katz, "Functional Specialization of Different Hepatocyte Populations," <i>Physiol Rev</i> , 1989;69(3):708-764.
	X	Kabat et al., Sequences of Proteins of Immunological Interest, 5 th edition, U.S. Dept of Health and Human Services, NIH publication No. 91-3242, 1991, title page, publisher's page and table of contents only.
	X	Kaplan et al., "The Mitochondrial Tricarboxylate Transport Protein," <i>J Biol Chem.</i> , 25 June 1993;268(18):13682-13690.
	X	Kaser et al., "The Technique of Paper-Chromatographic Separation and Determination of the α -Keto Acids in Blood," <i>Clin Chim Acta</i> , 1961;6:337-346. (English Summary Included on page 345).
	X	Kekuda et al., "Primary Structure and functional Characteristics of a Mammalian Sodium-coupled High Affinity Dicarboxylate Transporter," <i>J Biol Chem</i> , 5 February 1999;274(6): 3422-3429.
	X	Kekuda et al., "Cloning of the Sodium-dependent, Broad-scope, Neutral Amino Acid Transporter B ^o from a Human Placental Choriocarcinoma Cell Line," <i>J Biol Chem</i> , 2 August 1996;271(31): 18657-18661.
	X	Kekuda et al., "Cloning and Functional Characterization of a Potential -sensitive, Polyspecific Organic Cation Transporter (OCT3) Most Abundantly Expressed in Placenta," <i>J Biol Chem</i> , 26 June 1998;273(26): 15971-15979.
	X	Kenyon et al., "A <i>C. elegans</i> mutant that lives twice as long as wild type," <i>Nature</i> , 2 December 1993;366:461-464.
	X	Knauf et al., "Functional Characterization and immunolocalization of the transporter encoded by the life-extending gene <i>Indy</i> ," <i>PNAS</i> , 29 October 2002;99(22):14315-14319.
	X	Kohler and Milstein, "Derivation of specific antibody-producing tissue culture and tumor lines by cell fusion," <i>Eur J Immunol</i> , 1976; 6: 511-519.

EXAMINER	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Kramer et al., "The <i>Caenorhabditis elegans</i> <i>rol-6</i> Gene, Which Interacts with the <i>sqt-1</i> Collagen Gene to Determine Organismal Morphology, Encodes a Collagen," <i>Mol Cell Biol</i> , May 1990;10(5): 2081-2089.
	X	Krebs, "Chemical Composition of Blood Plasma and Serum," <i>Annu Rev Biochem</i> , 1950;19:409-430.
	X	Lewis & Fleming, "Basic Culture Methods," <i>Methods Cell Biol</i> , 1995;48:3-29.
	X	Li et al., "Glycogen synthase kinase-3 β , mood stabilizers, and neuroprotection," <i>Bipolar Disord</i> , 2002;4:137-144.
	X	Liman et al., "Subunit Stoichiometry of a Mammalian K $^{+}$ Channel Determined by Construction of Multimeric cDNAs," <i>Neuron</i> , November 1992;9:861-871.
	X	Lin et al., "Extended Life-Span and Stress Resistance in the <i>Drosophila</i> Mutant <i>methuselah</i> ," <i>Science</i> , 30 October 1998;282:943-946.
	X	Lonberg et al., "Antigen-specific human antibodies from mice comprising four distinct genetic modifications," <i>Nature</i> , 28 April 1994;368:856-859.
	X	Mackenzie et al., "The human intestinal H $^{+}$ /oligopeptide cotransporter hPEPT1 transports differently-charged dipeptides with identical electrogenic properties," <i>Biochim Biophys Acta</i> , 1996;1284: 125-128.
	X	Mello and Fire, "DNA Transformation," <i>Methods Cell Biol</i> , 1995;48:451-482.
	X	Miller and Shakes, "Immunofluorescence Microscopy," <i>Methods Cell Biol</i> , 1995;48: 365-394.
	X	Morrison and Parkinson, "Liberation of an interaction domain from the phosphotransfer region of CheA, a signaling kinase of <i>Escherichia coli</i> ," <i>PNAS</i> , June 1994;91:5485-5489.
	X	Nakanishi et al., "Na $^{+}$ - and Cl $^{-}$ -coupled active transport of carnitine by the amino acid transporter ATB $^{0,+}$ from mouse colon expressed in HRPE cells and <i>Xenopus</i> oocytes," <i>J Physiol</i> , 2001;532:297-304.
	X	Nakanishi et al., "Cloning and functional characterization of a new subtype of the amino acid transport system N," <i>Am. J. Physiol</i> , 2001;281:C1757-1768.

EXAMINER	Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March <u>10</u> , 2004	

Examiner Initial	Copies Enclosed	Document Description
	X	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, "BLAST 2 SEQUENCES," Bethesda, MD [retrieved on 2001 May 14]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/bl2.html >; 1 pg.
	X	Nordmann and Nordmann, "Organic Acids in Blood and Urine," <i>Adv Clin Chem</i> , 1961;4: 53-120.
	X	Nordmann et al., "Influence of Chronic Renal Insufficiency upon the Principal Acids of the Tricarboxylic Acid Cycle and Reltaed Metabolites," <i>Clin Chim Acta</i> , 1965;12:304-310. (English Summary Included on page 304)
	X	Ola et al., "Expression pattern of sigma receptor 1 mRNA and protein in mammalian retina," <i>Brain Res Mol Brain Res</i> , 2001;95: 86-95.
	X	Pajor, A.M., "Molecular Properties of Sodium/Dicarboxylate Cotransporters," <i>J. Membrane Biol.</i> , 2000;175: 1-8.
	X	Pajor, A.M., "Sodium-coupled transporters for Krebs Cycle Intermediates," <i>Annu Rev Physiol</i> , 1999;61:6 63-682.
	X	Pajor, "Sequence and Functional Characterization of a Renal Sodium-Dicarboxylate Cotransporter," <i>J Biol Chem</i> , 17 March 1995;270(11): 5779-5785.
	X	Pajor A.M., "Molecular Cloning and functional expression of a sodium-dicarboxylate cotransporter from human kidney," <i>J. Physiol.</i> , 1996;270: F642-648.
	X	Pajor, "Cloning and functional characterization of a high-affinity Na^+ /dicarboxylate cotransporter from mouse brain," <i>Am J Physiol</i> , May 2001;280: C1215-C1223.
	X	Pajor and Sun, "Molecular cloning, chromosomal organization, and functional characterization of a sodium-dicarboxylate cotransporter from mouse kidney," <i>Am. J Physiol.</i> , 1 September 2000;279(3): F482-490.
	X	Pajor and Sun, "Functional differences between rabbit and human Na^+ - dicarboxylate cotransporters, NaDC-1 and hNaDC-1," <i>Am J Physiol</i> , 1996;271: F1093-1099.

EXAMINER	Date Considered
<small>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Palmieri et al., "Kinetic Study of the Tricarboxylate Carrier in Rat Liver Mitochondria," <i>Euro J Biochem</i> , 1972;26:587-594.
	X	Palmieri, "Mitochondrial Carrier Proteins," <i>FEBS Lett.</i> , 1994;346:48-54.
	X	Parent et al., "Electrogenic Properties of the Cloned Na ⁺ /Glucose Cotransporter: I. Voltage-Clamp Studies," <i>J Membr Biol</i> , 1992;125:49-62.
	X	Pettitt and Kingston, "Developmentally Regulated Alternative Splicing of a Nematode Type IV Collagen Gene," <i>Dev Biol</i> , 1994;161:22-29.
	X	Phiel and Klein, "Molecular Targets of Lithium Action," <i>Annual Review Pharmaol. Toxicol.</i> , 2001;41:789-813.
	X	Prasad et al., "Cloning and Functional Expression of a cDNA Encoding a Mammalian Sodium-dependent Vitamin Transporter Mediating the Uptake of Pantothenate, Biotin, and Lipoate," <i>J Biol Chem</i> , 27 March 1998;273(13): 7501-7506.
	X	Price and Heninger, "Lithium in the Treatment of Mood Disorders," <i>N Engl. J Med</i> , 1994;331(9):591-598.
	X	Rajan et al., "Cloning and Expression of b ^{o+} -like Amino Acid Transporter Functioning as a Heterodimer with 4F2hc Instead of rBAT," <i>J Biol Chem</i> , 8 October 1999;274(41):29005-29010.
	X	Rogina et al., "Extended Life-Span Conferred by Cotransporter Gene Mutations in <i>Drosophila</i> ," <i>Science</i> , 15 December 2000;290: 2137-2140.
	X	Sambrook et al., <i>Molecular Cloning: A Laboratory Manual</i> , Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 1989.
	X	Scharnagl et al., "Effect of atorvastatin, simvastatin, and lovastatin on the metabolism of cholesterol and triacylglycerides in HepG2 cells," <i>Biochem Pharmacol</i> , 2001;62:1545-1555.
	X	Sekine et al., "Cloning, functional characterization, and localization of a rat renal Na ⁺ -dicarboxylate transporter," <i>Am J Physiol</i> , 1998;275:F298-305.
	X	Seth et al., "Cloning and Functional Characterization of a σ Receptor from Rat Brain," <i>J Neurochem</i> , 1998;70(3):922-931.

EXAMINER	Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Seth et al., "Expression pattern of the type 1 sigma receptor in the brain and identity of critical anionic amino acid residues in the ligand-binding domain of the receptor," <i>Biochim Biophys Acta</i> , 2001;1540:59-67.
	X	Seth et al., "Mutations in Novel Organic Cation Transporter (OCTN2), and Organic Cation/Carnitine Transporter, with Differential Effects on the Organic Cation Transport Function and the Carnitine Transport Function," <i>J Biol Chem</i> , 19 November 1999;274(47): 33388-33392.
	X	Shopsin et al., "Altered carbohydrate metabolism during treatment with lithium carbonate," <i>Arch Gen Psychiatry</i> , June 1972;26:566-570.
	X	Singer et al., "Optimal Humanization of 1B4, an Anti-CD18 Murine Monoclonal Antibody, Is Achieved by Correct Choice of Human V-Region Framework Sequences," <i>J Immunol</i> , 1 April 1993;150(7):2844-2857.
	X	Sohal et al., "Oxidative Stress, Caloric Restriction, and Aging," <i>Science</i> , 5 July 1996;273:59-63.
	X	Spady et al., "Sterol synthesis in vivo in 18 tissues of the squirrel monkey, guinea pig, rabbit, hamster, and rat," <i>J Lipid Res</i> , 1983;24:303-315.
	X	Sproule B., "Lithium in Bipolar Disorder Can Drug Concentrations Predict Therapeutic Effect?," <i>Clin Pharmacokinet</i> , 2002;41: 639-660.
	X	Takeda et al., "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences," <i>Nature</i> , April 1985;314:452-454.
	X	Tatusova et al., "BLAST 2 Sequences, a new tool for comparing protein and nucleotide sequences," <i>FEMS Microbiol. Lett.</i> , 1999;174:247-250.
	X	Timmons et al., "Ingestion of bacterially expressed dsRNAs can produce specific and potent genetic interference in <i>Caenorhabditis elegans</i> ," <i>Gene</i> , 2001;263:103-112.
	X	Trudeau et al., "HERG, a Human Inward Rectifier in the Voltage-Gated Potassium Channel Family," <i>Science</i> , 7 July 1995;269:92-95.

EXAMINER	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed: March <u>10</u> , 2004	

Examiner Initial	Copies Enclosed	Document Description
	X	Tuaillon et al., "Human immunoglobulin heavy-chain minilocus recombination in transgenic mice: Gene-segment use in μ and γ transcripts," <i>PNAS</i> , April 1993;90:3720-3724.
	X	van der Rest et al., "Nucleotide Sequence and Functional Properties of a Sodium-dependent Citrate Transport System from <i>Klebsiella pneumoniae</i> ," <i>J Biol Chem</i> , 5 May 1992;267(13):8971-8976.
	X	Wang et al., "Structure, function, and genomic organization of human Na^+ - dependent high-affinity dicarboxylate transporter," <i>Am J Physiol.</i> , 2001; 278:C1019-1030.
	X	Wang et al., "Electrophysiological characteristics of the proton-coupled peptide transporter PEPT2 cloned from rat brain," <i>Am J. Physiol</i> , October 1998;275:C967-975.
	X	Williams et al., "A common mechanism of action for three mood-stabilizing drugs," <i>Nature</i> , 16 May 2002;417:292-295.
	X	Williams and Harwood, "Lithium therapy and signal transduction," <i>Trends Pharmacol. Sci.</i> , February 2000;21: 61-64.
	X	Wolkow et al., "Regulation of <i>C. elegans</i> Life-Span by Insulin like Signaling in the Nervous System," <i>Science</i> , 6 October 2000;290: 147-150.
	X	Wood et al., The nematode <i>Caenorhabditis elegans</i> , 1988; Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY,: 587-606.
	X	Wright et al., "Interactions between lithium and renal transport of Krebs cycle intermediates," <i>Proc Natl Acad Sci</i> , December 1982;79:7514-7517.
	X	Wu et al., "Identity of the Organic Cation Transporter OCT2 as the Extraneuronal Monoamine Transporter (uptake ₂) and Evidence for the Expression of the Transporter in the Brain," <i>J. Biol Chem.</i> , 4 December 1998;273(49):32776-32786.
	X	Wu et al., "Functional Characteristics and Tissue Distribution Pattern of Organic Cation Transporter 2 (OCTN2), an Organic Cation/Carnitine Transporter," <i>J Pharmacol Exp Ther</i> , 1999;290(3):1482-1492.

EXAMINER	Date Considered
-----------------	------------------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00080101	Serial No.: 10/718,359
	Applicant(s): Ganapathy et al.	Confirmation No.: 3660
	Application Filing Date: November 20, 2003	Group: 1642
	Information Disclosure Statement mailed:	March <u>10</u> , 2004

Examiner Initial	Copies Enclosed	Document Description
	X	Wu et al., "Structural and functional characteristics and tissue distribution pattern of rat OCTN1, an organic cation transporter, cloned from placenta," <i>Biochim. Biophys Acta</i> , 2000;1466:315-327.

EXAMINER	Date Considered
-----------------	------------------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.